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VALUE PATENT COUPER	ALIUNI DEMITY.
Par. Pheses Januvit.	Call-up:
From the INTERNATIONAL SEARCHING AUTHORITY	Exp.date: 223 /03 /21.
To: AKZO NOBEL N.V. Intellectual Property Dept. Attn. Schalkwijk, Pieter Corn (Dept. AIP) P.O. Box 9300 NL-6800 SB Arnhem NETHERLANDS CASO:	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1)
Received 2 1 DEC 2004	Date of mailing (day/month/year) 21/12/2004
Applicant's or agent's file reference Hectuel Followity Depart ACH 3018 P1-WO Acricem	Thent FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/EP2004/010982	International filing date (day/month/year) 30/09/2004 Charles
Applicant	Term no: 52605
ALBEMARLE NETHERLANDS B.V.	Call-up : / /
	Exp.date: 200510212
For more detailed instructions, see the notes on the acc. The applicant is hereby notified that no international search Article 17(2)(a) to that effect and the written opinion of the second and the written opinion of the second and the written opinion of the second and the protest against payment of (an) additionally the protest together with the decision thereon has be applicant's request to forward the texts of both the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has because the protest together with the decision thereon has been applicantly to the protest together with the decision thereon has been applicantly to the protest together with the decision thereon has been applicantly to the protest together with the decision there will be applicantly together with the decision there will be applicantly together with the decision there will be applicantly together with the decision the protest together will be applied to the pro	ascimile No.: (41-22) 740.14.35 companying sheet. In report will be established and that the declaration under international Searching Authority are transmitted herewith.
4. Reminders Shortly after the expiration of 18 months from the priority date, international Bureau. If the applicant wishes to avoid or postpon application, or of the priority claim, must reach the International before the completion of the technical preparations for international The applicant may submit comments on an informal basis on the International Bureau. The International Bureau will send a copy international preliminary examination report has been or is to be the public but not before the expiration of 30 months from the provided within 19 months from the priority date, but only in respect of several provided in the applicant wishes to postpone the	the international application will be published by the epublication, a notice of withdrawal of the international Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, and publication. We written opinion of the International Searching Authority to the of such comments to all designated Offices unless an established. These comments would also be made available to fority date. The designated Offices, a demand for international preliminary entry into the national phase until 30 months from the priority within 20 months from the priority date, perform the prescribed effices.
In respect of other designated Offices, the time limit of 30 mont months. See the Annex to Form PCT/IB/301 and, for details about the at Guide, Volume II, National Chapters and the WIPO Internet site.	oplicable time limits, Office by Office, see the PCT Applicant's
Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer

NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
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Toñi Muñoz-Manneken

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been its filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

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NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new:
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
 *Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
 claims 30, 33 and 36 unchanged; new claims 49 to 51 added.*
- Where originally there were 15 claims and after amendment of all claims there are 11]:
 "Claims 1 to 15 replaced by amended claims 1 to 11."
- 3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 - "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

it must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ACH 3018 P1-W0		see Form PCT/ISA/220 il as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/010982	30/09/2004	03/10/2003
Applicant		
ALBEMARLE NETHERLANDS	3 B.V.	
This International Search Report according to Article 18. A copy is	has been prepared by this International Searching Au being transmitted to the International Bureau.	ithority and is transmitted to the applicant
	consists of a total of sheets. anied by a copy of each prior art document cited in thi	is report.
Basis of the report a. With regard to the language in which it was	age, the international search was carried out on the b filed, unless otherwise indicated under this item.	asis of the international application in the
	rnational search was carried out on the basis of a tran lority (Rule 23.1(b)).	slation of the international application furnished to
b. With regard to an	ny nucleotide and/or amino acid sequence disclose	ed in the international application, see Box No. I.
2. Certain claims v	were found unsearchable (See Box II).	
3. Unity of invention	on is lacking (see Box III).	
4. With regard to the title , X the text is approve	ved as submitted by the applicant.	
· · · · · · · · · · · · · · · · · · ·	n established by this Authority to read as follows:	
		_
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5. With regard to the abstract,		ority as it appears in Box No. IV. The applicant sarch report, submit comments to this Authority.
	oved as submitted by the applicant. on established, according to Rule 38.2(b), by this Auth	ority as it appears in Rox No. IV. The applicant
the text has bee may, within one	month from the date of mailing of this international se	earch report, submit comments to this Authority.
6. With regards to the drawing		
·	gs to be published with the abstract is Figure No	
L	cted by this Authority, because the applicant failed to	suggest a figure.
I —	cted by this Authority, because this figure better chara	
b. none of the figu	res is to be published with the abstract.	

A. CLASSIFICATION OF SUBJECT MATTER B01J23/882 B01J23/883 B01J37/02 B01J23/88 B01J38/60 B01J38/62 B01J23/888 B01J23/94 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C10G B01J IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages 17,19 EP 0 601 722 A (SUMITOMO METAL MINING CO) X 15 June 1994 (1994-06-15) page 6, paragraph 2; claims 1,3-5,8,10; 1,16 Α examples 1-37 page 7, paragraph 1 WO 01/02091 A (NIPPON KETJEN CO LTD ; AKZO 17,19 χ NOBEL NV (NL)) 11 January 2001 (2001-01-11) 1,16 page 5, line 12; example 1 A page 6, paragraph 1 - paragraph 2 page 8, paragraph 1 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but 'A' document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu *O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 21/12/2004 13 December 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Gilliquet, J-N Fax: (+31-70) 340-3016

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